



This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil
3762 Marion St.

INPUTS		Units	House
General	Variable		
	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
House-specific	Bkg in clean fill	mg/kg	50
			Small
	Area of the exposure unit	m2	83.61274
	Area of the exposure unit	ft2	900
	Concentration of lead in paint	mg/cm2	20.4
	Area of peeling paint	m2	8.175468
	Area of peeling paint	ft2	88
COMPUTATIONS			
	Mass of lead from paint	mg	1.7E+06
	Volume of soil	cm3	2.1E+06
	Mass of soil	kg	5.3E+03
	Incremental concentration	mg/kg	314.1
	Maximum acceptable area of peeling leaded paint (m2)		9.1
	Maximum acceptable area of peeling leaded paint (ft2)		98.0
DECISION			OK

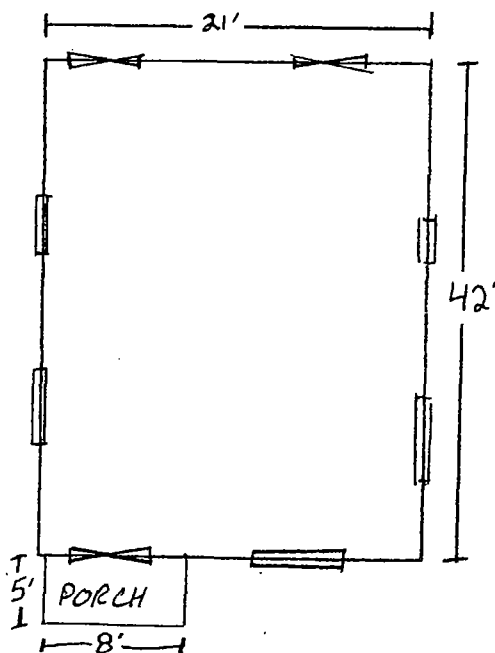
506

Property ID: 506	Date: 8-17-05
Address: 3762 MARION STREET	Telephone #:
Owner:	CO Certification #: 12860
Inspector/Assessor:	

Plot Plan:

E
↑

- GREEN WALLS
- TAN TRIM



$$(42+12)(21+12) - (42 \times 21)$$

$$(54)(33) - 882$$

$$1782 - 882 = 900$$

North
South
East
West

Exterior Walls - TAN				Doors/Trim			
Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
STUCCO	—	—	1.6	WOOD	42'²	PEEL	19.3
WOOD SIDING	—	—	7.7	BRICK	—	CRACK	12.5

North
South
East
West

Window Trim/Pascia/Soffit				Patios/Decks/Porches			
Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
WOOD	4'²	PEEL	13.8	WOOD TRIM	18'²	PEEL	15.6
				WOOD COLUMN	24'²	PEEL	20.4

North
South
East
West

Metal Trim/Gutters/Downspouts				Misc Structures/Garage/Fences			
Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)

August 17, 2005

LBP Assessment Results

Strata Environmental Resource

Time	Site	Component	Substrate	Side	Condition	Color	Floor	Room	Results	Depth Ind	PbC	PbC Error
8/17/2005 9:26	506	COLUMN	WOOD	WEST	PEELING	TAN	FIRST	PORCH	Positive	5.44	20.4	2
8/17/2005 9:29	506	HEADER	WOOD	NORTH	PEELING	TAN	FIRST	PORCH	Positive	7.04	15.6	1.8
8/17/2005 9:30	506	EXT. WALL	PLASTER	WEST	CRACKED	GREEN	FIRST	OUTSIDE	Negative	1.46	0	0.02
8/17/2005 9:31	506	EXT. WALL	BRICK	WEST	CRACKED	TAN	FIRST	OUTSIDE	Positive	10	12.5	1.6
8/17/2005 9:33	506	TRIM	WOOD	WEST	PEELING	TAN	SECOND	OUTSIDE	Positive	2.51	7.7	1.2
8/17/2005 9:35	506	SOFFIT	WOOD	SOUTH	PEELING	TAN	SECOND	OUTSIDE	Positive	9.08	19.3	1.8
8/17/2005 9:36	506	EXT. WALL	PLASTER	NORTH	INTACT	GREEN	FIRST	OUTSIDE	Negative	2.1	0	0.02
8/17/2005 9:37	506	WINDOW SILL	WOOD	NORTH	PEELING	WHITE	FIRST	OUTSIDE	Positive	5.52	18.8	1.9
8/17/2005 9:42	506	EXT. WALL	PLASTER	SOUTH	INTACT	GREEN	FIRST	OUTSIDE	Positive	4.57	1.6	0.5
8/17/2005 9:43	506	EXT. WALL	PLASTER	WEST	INTACT	GREEN	FIRST	OUTSIDE	Negative	2.8	0.01	0.02
Note:	Readings are in mg/cm ² .											
Painted surfaces not tested were assessed to be in 'intact' condition at time of site visit.												

Color Photo(s)

The following pages
contain color that does
not appear in the
scanned images.

To view the actual images, contact
the Region VIII Records Center at
(303) 312-6473.

Property ID # 506 / 3762 Marion Street



West porch exposure of house



Wood porch column contains peeling lead paint



Wood soffit / trim on west exposure of porch contains peeling lead paint

Property # 506: Peeling lead paint on attic trim contains peeling lead paint

